

REMARKS

Claims 1-29 are pending. Claims 1, 9, 17, and 25 are amended. No new matter has been introduced. Reexamination and reconsideration of the present application are respectfully requested.

In the Office Action dated May 10, 2006, the Examiner objected to claims 1 and 9 for informalities. Applicants have amended claims 1 and 9 in view of the Examiner's comments. Accordingly, Applicants respectfully submit that the objection should be withdrawn.

The Examiner rejected claims 1-29 under 35 U.S.C. § 103(a) as being unpatentable over Mayne et al., U.S. Patent Application Publication No. 2004/0025047 (hereinafter Mayne) in view of Balogh, U.S. Patent 6,870,822 (hereinafter Balogh). Applicants respectfully traverse the rejections in view of the claims as amended.

Independent claim 1, as amended now recites:

A wireless local area network system, comprising:

a network address translation (NAT) router coupled to a public network operable to assign a private address to a mobile wireless device and to assign a global address for communications to the public network, the private address being independent of the public network; and

a plurality of access points in communication with the NAT router, each access point of the plurality of access points being operable to provide wireless communications with the mobile wireless device,

wherein a group of access points of the plurality of access points forms a multicast group which is dynamically updated to include access points available for interfacing with the mobile wireless device, *the mobile wireless device communicates with at least two access points of the plurality of access points at a time*, data for the mobile wireless device is broadcast to each access point of the multicast group, and *recently-received data is buffered in each access point of the plurality of access points adjacent to the at least two access points currently in communication with the mobile wireless device*.

The Mayne reference does not disclose, teach, or suggest the system specified in

independent claim 1, as amended. As the Examiner has acknowledged, Mayne does not disclose that data for the mobile wireless device is broadcast to each access point, or that a group of access points of the plurality of access points forms a multicast group which is dynamically updated to include access points available for interfacing with the mobile wireless device. (*Mayne; Office Action, page 3*)

In addition, unlike the system specified in claim 1, as amended, Mayne does not teach a system wherein “*the mobile wireless device communicates with at least two access points of the plurality of access points at a time*” or “*recently-received data is buffered in each access point of the plurality of access points adjacent to the at least two access points currently in communication with the mobile wireless device.*”

Instead, Mayne is directed to a method for providing a wireless network. Mayne discloses a wireless network which includes local area network access devices (LADs) 2 that are designed to communicate wirelessly with a number of wireless devices (3, 4, 5, 6, 7, and 8). (*Mayne; paragraphs 0023-0024*) The LADs 2 are coupled to a wireless Internet server WIS 1. The WIS 1 is coupled to the Internet and LAN 10 and thus allows the wireless devices (3, 4, 5, 6, 7, and 8) to communicate with LAN 10 and the Internet. (*Mayne; paragraphs 0026-0028*) However, Mayne fails to disclose, teach, or suggest a system wherein “*the mobile wireless device communicates with at least two access points of the plurality of access points at a time*” or “*recently-received data is buffered in each access point of the plurality of access points adjacent to the at least two access points currently in communication with the mobile wireless device.*” Accordingly, Applicants respectfully submit that independent claim 1, as amended, distinguishes over the Mayne reference.

The Balogh reference does not make up for the deficiencies of Mayne. The Balogh

reference is directed to method and equipment for supporting mobile telecommunications systems. (*Balogh; Col. 1, lines 6-9*) The Balogh reference discloses a terminal MS which checks radio channels one-by-one by sending network identity requests one by one to each local access point. However, the combination of Mayne and Balogh does not teach a system wherein “*the mobile wireless device communicates with at least two access points of the plurality of access points at a time*” or “*recently-received data is buffered in each access point of the plurality of access points adjacent to the at least two access points currently in communication with the mobile wireless device.*” Accordingly, Applicants respectfully submit that independent claim 1, as amended, distinguishes over the Mayne reference in combination with Balogh.

Claims 9, 17, and 25, all as amended, recite limitations similar to those in independent claim 1, as amended. Accordingly, Applicants respectfully submit that claims 9, 17, and 25 distinguish over the Mayne reference in combination with Balogh for reasons similar to those set forth above with respect to independent claim 1.

Claims 2-8, 10-16, 18-24, and 26-29 depend from independent claims 1, 9, 17, and 25, respectively. Accordingly, Applicants respectfully submit that dependent claims 2-8, 10-16, 18-24, and 26-29 all distinguish over the Mayne reference in combination with Balogh for the same reasons set forth above with respect to independent claims 1, 9, 17, and 25, respectively.

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In view of the foregoing amendment and remarks, Applicants believe that the claims are in condition for allowance. If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Los Angeles, California telephone number (213) 488-7100 to discuss the steps necessary for placing the application in condition for allowance should the Examiner believe that such a telephone conference call would advance prosecution of the application.

Respectfully submitted,
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